ABSTRACT

The invention relates to a very broad band wavelength multiplexed transmission system, typically having a bandwidth greater than 150 nm or 200 nm, and in which energy transfers between channels caused by the Raman effect are compensated. The depletion of channels at shorter wavelengths is compensated by amplification which is preferably distributed, while the enrichment of channels at longer wavelengths is compensated by attenuation.

04

a5 14. (Amended)The system of claim 11, characterized in that the compensation means compensate depletion in the channels over the beginning of the band.

a6 16. (Amended)The system of claim 14, characterized in that it comprises distributed amplification means over the beginning of the band.

18. (Amended)The system of claim 16, characterized in that the distributed amplification means comprise rare earth amplification means.

a7 19. (Amended)The system of claim 11, characterized in that the compensation means compensate enrichment of the channels over the end of the band.

IN THE ABSTRACT:

Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure.